

THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Previously Presented) A light-emitting device comprising:
a semiconductor excitation light source emitting blue-violet light, and
a solid material illuminant having an absorbent for said blue-violet light containing Sm of 0.01 to 10 mol%, wherein
said solid material illuminant radiates light by inner shell transition of Sm by blue-violet light absorption.
2. (Previously Presented) The light-emitting device according to claim 1, wherein
said blue-violet light has a peak wavelength in the range of 398 to 412 nm.
3. (Previously Presented) The light-emitting device according to claim 2, wherein
said semiconductor excitation light source emitting blue-violet light is a semiconductor laser device having an active layer of an InGaN semiconductor.
4. (Previously Presented) The light-emitting device according to claim 1, wherein
said solid material illuminant contains Sc, Y or a typical element as cations, and contains at least one of N, O and S as anions.

5. (Previously Presented) The light-emitting device according to claim 4, wherein said solid material illuminant contains both N and O as anions.
6. (Previously Presented) The light-emitting device according to claim 4, wherein said solid material illuminant contains at least one of nitrides of Ga, In and Al.
7. (Previously Presented) The light-emitting device according to claim 4, wherein said solid material illuminant contains at least one of oxides of Y, Si, Al and Zn.
8. (Previously Presented) The light-emitting device according to claim 1, wherein said solid material illuminant contains a red phosphor having a peak wavelength in the range of 600 to 670 nm, a green phosphor having a peak wavelength in the range of 500 to 550 nm and a blue phosphor having a peak wavelength in the range of 450 to 480 nm.
9. (Previously Presented) The light-emitting device according to claim 8, wherein said red phosphor, said green phosphor and said blue phosphor contain rare earth elements.
10. (Previously Presented) The light-emitting device according to claim 8, wherein said red phosphor contains at least either Sm or Eu.